| | · | | |
|---|---|-------------------|----------------|
| | Form PTO-1449 | Docket No. | Serial No. |
| | INFORMATION DISCLOSURE CITATION IN AN APPLICATION | IFF-64 | 10/734,426 |
| | E JC62 | Applicant | |
| | 18 | MARTHA BROWN | |
| ŀ | (may by | Filing Date | Group Art Unit |
| \ | MIN SCA | December 12, 2003 | 1761 |
| | Meteric, 1 | | |

U.S. PATENT DOCUMENTS

| Exam'r Init. | Document No. | Date | Name | Class | Sub Class | File Date |
|-----------------|--------------|----------|------------------|-------|--------------|-----------|
| SW | 2,800,457 | 7/23/57 | Green, et al | | | |
| 1 | 3,041,288 | 6/26/62 | Anthony | | | |
| | 3,415,758 | 12/10/68 | Powell, et al | | | |
| | 3,516,941 | 6/23/70 | Matson | | | |
| | 3,744,625 | 7/10/73 | Chin | | | |
| | 4,004,711 | 1/25/77 | Ravich | | | |
| | 4,124,521 | 11/7/98 | Jedzinak | | | |
| | 4,145,184 | 3/20/79 | Brain, et al | | | |
| SW | 4,402,856 | 9/6/83 | Schnoring, et al | _ | | |

FOREIGN PATENT DOCUMENTS

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one) Yes No |
|-----------------|---------------|----------|---------|-------|--------------|-------------------------------------|
| 80 | WO 93/10019 | 5/27/93 | PCT | | | |
|) | WO 97/38618 | 10/23/97 | PCT | _ | | |
| | WO 01/23274A1 | 4/5/01 | PCT | _ | | • |
| | WO 01/49817A2 | 7/12/01 | PCT | | | x |
| S | WO 01/62376A1 | 8/30/01 | PCT | | | x |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| | | |
|---------|-------|--|
| Г | | |
| 1 | i | |
| 1 | | |
| 1 | | |
| ı | | |
| 1 | | |
| | | |
| 1 | | |
| ı | | |
| ı | | |
| 1 | 1 | |
| 1 | l | |
| <u></u> | | |

| Exemple: SiWeinstein | Date Considered 4/2/07 |
|---|------------------------|
| Examiner: Initial if citation considered, whether or not citat citation if not in conformance and not considered. Include cop | |

| FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION | Docket No. IFF-64 | Serial No. | | | |
|---|-------------------|----------------|--|--|--|
| | Applicant | | | | |
| | MARTHA BROWN | | | | |
| · | Filing Date | Group Art Unit | | | |
| | December 12, 2003 | 1761 | | | |

U.S. PATENT DOCUMENTS

| Exam'r Init. | Document No. | Date | Name | Class | Sub Class | File Date |
|-----------------|--------------|----------|----------------------|-------|--------------|-----------|
| SW | 4,446,032 | 5/1/84 | Munteanu, et al | | | |
| 1 | 4,514,461 | 4/30/85 | Woo | | | ٠ |
| | 4,534,891 | 8/13/85 | Boden, et al | | | · |
| | 4,536,315 | 8/20/85 | Ramachandran, et al | | | |
| | 4,564,535 | 1/14/86 | Altenschopfer, et al | | | |
| | 4,880,690 | 11/14/89 | Szycher, et al | | | |
| | 5,066,419 | 11/19/91 | Walley, et al | | | |
| | 5,126,070 | 6/30/92 | Leifheit, et al | | | |
| SW | 5,137,646 | 8/11/92 | Schmidt, et al | | | |

FOREIGN PATENT DOCUMENTS

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one) Yes No |
|-----------------|---------------|----------|----------------|-------|--------------|-------------------------------------|
| Sin | WO 02/34225A1 | 5/2/02 | PCT | _ | <u> </u> | x |
| 9/ | 686,299 | 12/22/78 | Switzerland | | | × |
| T_{λ} | 2,198,062A | 6/8/98 | United Kingdom | | | |
| SW | 1 106 072A1 | 6/13/01 | Europe | | | |
| | | | | | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| · | |
|---|--|

| Examinari S. WEINSTEIN | Date Considered 4/25/07 |
|------------------------|--|
| | not citation is in confirmance with MPEP \$609; Draw line through nclude copy of this form with next communication to the applicant. |

| | | | Sheet 3 of (| |
|---|-------------------|--------------------------|--------------|--|
| Form PTO-1449 | Docket No. | Serial 1 | No. | |
| INFORMATION DISCLOSURE CITATION IN AN APPLICATION | IFF-64 | 4,426 | | |
| | Applicant | | | |
| | MARTHA BROWN | | | |
| • | Filing Date | Filing Date Group Art Un | | |
| | December 12, 2003 | 1761 | | |
| U.S. PATEN | r documents | | **, | |
| Exam'r | | Sub | File Date | |

| Exam'r Init. | Document No. | Date | Name | Class | Sub Class | File Date |
|-----------------|--------------|----------|--------------------|-------|--------------|-----------|
| SW | 5,154,842 | 10/13/92 | Walley, et al | | > | |
| 1 | 5,188,753 | 2/23/93 | Schmidt, et al | | | |
| | 5,616,337 | 4/1/97 | Kasianovitz, et al | | | |
| | 5,885,701 | 3/23/99 | Berman, et al | | | |
| | 6,001,187 | 12/14/99 | Paley, et al | | | |
| | 6,056,984 | 5/2/00 | Ekanayake, et al | | | |
| 1 | 6,110,520 | 8/29/00 | He, et al | | | |
| -/1 | 6,194,375 | 2/27/01 | Ness, et al | | | |
| 8 | 6,207,274 | 3/27/01 | Ferenc, et al | | | |

FOREIGN PATENT DOCUMENTS

| Exam'r Init. | Document No. | Date | Country | Class | Sub Class | Translate (select one) Yes No |
|-----------------|--------------|------|---------|----------|--------------|-------------------------------------|
| | | | | | | |
| | | | | | | |
| | | | | <u> </u> | | |

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

| 1 | |
|---|--|
| | |
| | |

| Examiner: | 5, | W | eins | stein | | Date Consider | ··· 4 | /2: | 5/ | ง | | |
|--------------------------|----|---|------|-------|-----------------------------|---------------|-------|-----|----|---|--|--|
| Examiner: citation if | | | | | or not citat Include cop | | | | | | | |

| | | | | | | | Sheet 4 of |
|------------------------|--|---|--|---------------------------------------|--------------|-------------------------------------|-----------------------------|
| Form PTO- | 1449 | | | Docket No. | | Serial 1 | No . |
| | RMATION DISCI IN AN APPI | | TATION | IFF-64 | | 10/73 | 4,426 |
| | | | | Applicant | | | |
| | | | • | MARTHA BRO | WN | | |
| | | | | Filing Date | | Group A | rt Unit |
| | | | | December 12 | , 2003 | 1761 | |
| | | · | U.S. PATENT DO | OCUMENTS | | | ` . |
| Exam'r (nit. | Document No. | Date | Na | me | Class | Sub Class | File Date |
| SV) | 6,213,409 | 4/10/01 | Warren, et al | | | 1- | |
| ŋ | 6,254,907 | 7/3/01 | Galomb | - | | · | |
| | 6,261,483 | 7/17/01 | Frank, et al | | | | |
| | 6,299,917 | 10/9/01 | Appleby | | | | |
| | 6,333,180 | 12/25/01 | Farbood, et al | | | | |
| | 6,394,264 | 5/28/02 | Riviello, Jr. | | | | Į. |
| | 6,500,444 | 12/31/02 | Ferenc, et al | | | | |
| 0/1 | 2002/0139093A1 | 10/3/02 | Landau | | _ | | |
| 80 | 2002/0195355A1 | 12/26/02 | Dennen | | | | |
| | | <u> </u> | FOREIGN PATENT | DOCUMENTS | | | |
| Exam'r Init. | Document No. | Date | Cour | Class | Sub Class | Translate (select one Yes \No | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | OTHER | REFERENCES (i | nclude author, tit | le, date, pertine | nt pages, | etc.) | |
| | | | - Address - Addr | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | , | | | | |
| | | | | | | | ···· |
| Exeminer: | C/1 | ٠. ــــــــــــــــــــــــــــــــــــ | | e Considered | 1// | 7 | |
| · ·- · · · · · · · |). (N | einstei | 10 | 4/0 | 210 | <i></i> | |
| xaminer: citation i | Initial if citation f not in conformance | considered, wh and not consid | ether or not citation lared. Include copy o | is in confirmance f this form with ne | with MPEP s | 609; Draw 1 ation to th | ine through e applicant. |

| | | | | | | | Sheet 5 of 6 | | |
|--------------------------|---------------------------|---------------------------------------|-----------------------|---------------------|-------------|--------------|-------------------------------------|--|--|
| Form PTO-1 | 440 | | | Docket No. | | Serial N | 10. | | |
| | RMATION DISC IN AN APP | | TATION | IFF-64 | | 10/73 | 4,426 | | |
| | | | | Applicant | | | | | |
| | | | • | MARTHA BRO | WN | | | | |
| | | | | Filing Date | | Group A | t Unit | | |
| | | | | December 12 | , 2003 | 1761 | | | |
| | | | U.S. PATENT DO | CUMENTS | | | | | |
| Exam'r Injt. | Document No. | Date | Nar | ne | Class | Sub Class | File Date | | |
| (N) | 2003/0000177A1 | 1/2/03 | Landau | | | _ | | | |
| 70 | 4,720,423 | 1/19/88 | Fraser | | _ | | ~ | | |
| | 5,281,471 | 1/25/94 | Diete, et al | | | | | | |
| | 5,744,182 | 4/28/98 | Anderson, et al | | | | | | |
| | 4,990,381 | 2/5/91 | Holzner | | | | | | |
| | 3,711,024 | 1/16/73 | Mammond | | | | | | |
| | 2001/001902A1 | 9/6/01 | Riviello, Jr. | | | | | | |
| 3 | 6,218,013 | 4/17/01 | Wood, et al | | | | | | |
| $\overline{\mathcal{M}}$ | 6,495,097 | 12/17/02 | Streit, et al | | | | -4, | | |
| | | | FOREIGN PATENT | DOCUMENTS | | | | | |
| Exam'r Init. | Document No. | Date | Coun | try | Class | Sub Class | Translate (select one) Yes No | | |
| | | | | | | | | | |
| | | | , | | | | - | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | OTHER | REFERENCES (in | nclude author, titl | e, date, pertiner | nt pages, | etc.) | | | |
| | T | | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | J | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | - | | | |
| | | | | | | | | | |
| Exeminers | 5/1/2 | | Dat | Considered | 1,1 | | | | |
| Examiner: | Initial if citation | considered, who | ether or not citation | is in confirmance v | with MPEP 5 | 609; Draw 1: | ine through | | |
| citation is | f not in conformance | and not conside | ered. Include copy o | this form with nex | kt communic | ation to the | applicant. | | |

.

| | | The second secon | | | | | | |
|----------------|----------------|--|--------------------|--|-------------|--------------|--|--------------|
| Form PTO-1 | 449 | , | | Docket No. | | Serial | No. | |
| | MATION DISCI | | ITATION | IFF-64 | | 10/73 | 4,426 | |
| | 201 021 0000 | | | Applicant | | | | |
| | | | | MARTHA E | BROWN | | - | |
| | | | | Filing Date | | Group A | rt Unit | |
| | | | | | | 1761 | | |
| | | | | December | 12, 2003 | | | ** |
| | | | U.S. PATENT | OCUMENTS | | | | |
| xam'r | Document No. | Date | N | ame | Class | Sub Class | File Da | te |
| 97 | 6,607,795 | 8/19/03 | Yang, et al | | _ | | | |
| 30 | 2004/0018278A1 | 1/29/04 | Popplewell, et | al | <u>ئىت</u> | | | |
| W. | 2004/0018293A1 | 1/29/04 | Popplewell, et | al | | | | |
| | | | | | | | | ÷¢. |
| | | | | | | | 1 | ·· |
| - | | | | ······································ | | | | |
| | 1 | | | | | | | |
| | | 1 | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | FOREIGN PATENT | DOCUMENTS | | | | |
| Exam'r Init | Document No. | Date | | DOCUMENTS | Class | Sub Class | Trans (selec Yes | |
| | Document No. | Date | | | Class | | (selec | t one) |
| | Document No. | Date | | | Class | | (selec | t one) |
| | Document No. | Date | | | Class | | (selec | t one) |
| | Document No. | Date | | | Class | | (selec | t one) |
| | Document No. | Date | | | Class | | (selec | t one) |
| | | | | untry | | Class | (selec | t one) |
| | | | Col | untry | | Class | (selec | t one) |
| | | | Col | untry | | Class | (selec | t one) |
| | | | Col | untry | | Class | (selec | t one) |
| | | | Col | untry | | Class | (selec | t one) |
| | | | Col | untry | | Class | (selec | t one) |
| | | | Col | untry | | Class | (selec | t one) No |
| | | | Col | untry | | Class | (selec | t one) |
| | | | include author, ti | untry | | Class | (selec | t one) No |

•

...

| | | | | | | | Sheet : | r or r | | |
|-----------------|--|-------------------------------------|--------------------------------------|-------------------|----------------|--------------|---------|--------|--|--|
| Form PTO-1 | 449 | | | Docket No. | | Serial | No. | | | |
| 1 | RMATION DISC | LOSURE CI | TATION | IFF-64 | 10/73 | 4 426 | | | | |
| | IN AN APP | LICATION | | 10/734,426 | | | | | | |
| | SIPE | | | Applicant | | | | | | |
| / ` | \c\\ | | | MARTHA BROW | WN | | | | | |
| MA' | AY 1 2 2005 3 | | | Filing Date | Group Art Unit | | | | | |
| 17 | | | | | 1761 | | | | | |
| (E) | | | | December 12 | , 2003 | <u> </u> | | | | |
| | MADE | 11 -5 | U.S. PATENT DO | OCUMENTS | | | | | | |
| Exam'r Init. | Document No. | Date | Na | me · | Class | Sub Class | File Da | te | | |
| 30 | 2003/0223657 A1 | 12/4/03 | Belias et al. | | | | | | | |
| | | | | | | | | | | |
| | | | | - | | | | | | |
| | | | | | | | | | | |
| - | | | | | | | | | | |
| | | | | | | | | | | |
| | | | , | | | | | | | |
| | | | | | | | | , | | |
| | | | | · -····· | | | | | | |
| | | | FOREIGN PATENT | DOCUMENTS | | | | | | |
| Exam'r | | .] | 6 | try | Class | Sub Class | Trans | c one) | | |
| Init. | Document No. | Date | Coun | • | | | Yes | No | | |
| Init. | Document No. | Date 12/19/96 | 4 | | | | | No | | |
| SID | | 12/19/96 | ļ | | | | | No | | |
| SU) | WO 96/40429 | 12/19/96 | PCT | | | | Yes | No . | | |
| SID | WO 96/40429 EP 1 146 071 A2 | 12/19/96 | PCT Germany | | | | Yes | No | | |
| SU) | WO 96/40429 EP 1 146 071 A2 | 12/19/96 | PCT Germany | | | | Yes | No . | | |
| SU) | WO 96/40429 EP 1 146 071 A2 WO 03/044112 A1 | 12/19/96 2 10/17/01 3 5/30/03 | PCT Germany | | nt pages, | | Yes | No | | |
| SU) | WO 96/40429 EP 1 146 071 A2 WO 03/044112 A1 | 12/19/96 2 10/17/01 3 5/30/03 | PCT Germany Japan | | nt pages, | | Yes | No | | |
| SU) | WO 96/40429 EP 1 146 071 A2 WO 03/044112 A1 | 12/19/96 2 10/17/01 3 5/30/03 | PCT Germany Japan | | nt pages, | | Yes | No | | |
| SU) | WO 96/40429 EP 1 146 071 A2 WO 03/044112 A1 | 12/19/96 2 10/17/01 3 5/30/03 | PCT Germany Japan | | nt pages, | | Yes | No | | |
| SU) | WO 96/40429 EP 1 146 071 A2 WO 03/044112 A1 | 12/19/96 2 10/17/01 3 5/30/03 | PCT Germany Japan nclude author, tit | | nt pages, | | Yes | No | | |
| SU) | WO 96/40429 EP 1 146 071 A2 WO 03/044112 A1 | 12/19/96 2 10/17/01 3 5/30/03 | PCT Germany Japan nclude author, tit | | nt pages, | | Yes | No | | |
| SU) | WO 96/40429 EP 1 146 071 A2 WO 03/044112 A1 | 12/19/96 2 10/17/01 3 5/30/03 | PCT Germany Japan nclude author, tit | | nt pages, | | Yes | No | | |
| SU) | WO 96/40429 EP 1 146 071 A2 WO 03/044112 A1 | 12/19/96 2 10/17/01 3 5/30/03 | PCT Germany Japan nclude author, tit | | nt pages, | | Yes | No | | |
| SU) | WO 96/40429 EP 1 146 071 A2 WO 03/044112 A1 OTHER | 12/19/96 2 10/17/01 3 5/30/03 | PCT Germany Japan nclude author, tit | le, date, pertine | nt pages, | | Yes | No | | |